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GenCore version 5.1.3 Copyright (c) 1993 - 2003 Compugem i.td.
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OM protein - protein search, using sw model

2003, 16:43:32 ; search time 5 14286 Seconds (Without alignments) 28.606 Million cell updates/see January 16 Run on:

115-04-858-070-18

1 KEELM 5 Perlect score: Sequence: BLOSUM62 Scoring table:

Capup 10.0 , Capext 0.5

Total number of hits satisfying chosen parameters: 262574 seqs, 29422922 residues Searched:

262574

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100%

Listing first 45 summaries Database :

Issued_Patents_AA:*

/cqn2_6/ptodata/2/iaa/5A_rOMB.pep *
/cqn2_6/ptodata/2/iaa/5B_COMB.pep.*
/cyn2_6/ptodata/2/iaa/6A_COMB.pep.*
/cyn2_6/ptodata/2/iaa/6B_COMB.pep.*
/cyn2_6/ptodata/2/iaa/Ptolata/COMB.pep.*
/cqn2_6/ptodata/2/iaa/Ptolata/COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

gth DB ID Description	4 US-09-187-789-59 Sequence	3 4 US-09-139-500-54 Sequence	2 US-08-394-189B-13 Sequence	1 3 US-08-258 287B 40 Sequence	3 US-08-368-704C-40 Sequence	3 Sequence	2 US-08 394 189B-26	2 75-08 304 189B-27	330 1 US 08 410 167A 4 Sequence 4, Appli	2 45-08-898-540-1 Sequence 1,	91-126-1 Sequence 1,	.08-111 939 13	133 989-7 Sequence 7,	1 05 08 111-939-14	15,	1 08-08-111-939-16	435 1 US 08-452 262-2 Sugaran 2, Appl	1 115-118-734-550-2	435 5 PCT-0596 07528 2 Sugaence 2, Appli	4 03 09-233-989-2	4 HS 09-231-989 1 Sequence 3,	4 US-09-233 989-6 Sequence 6,	4 US:09 058 260:18 Sequence 13,	4 115 00-183-050-2	4 118-119-450-258-2	4 110-09-558-679-0
å Query Match Length DB	0	=	100.0 171	100.0 171	100.0 171	100.00	0.	172	0.	C	100 G 319	100.0 434		7	0	100.0 435	100.0 435	100 0 435		0.	<u> </u>		100.0 485	100 0 405	100 0 495	100.0 496
Result No. Score	1 24	2 24	3 24	4 24	5 24	6 24	7 24	8 24	6	10 24	11 24	12 24	13 24	14 24	15 24	16 24	17 24	18 24	19 24	50 54		22 24	23 24	₹	25 24	26 24

100.0%, Scire 24; DB 4; Length 53;

Query Mattell

sequence 6, Appli Sequence 4, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 10, Appl Sequence 12, Appl Sequence 1, Appl Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 3, Appli Sequence 1, Appli Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli	EASE, NUCLEIC ACID ENCODING	Length 53; 0; Indels 0; Caps 0;	EASE, NUCLEIC ACID ENCOLING
501 2 US-08-781-802-6 501 4 US-08-781-802-6 501 4 US-09-058-260-4 501 4 US-09-058-260-6 501 4 US-09-058-260-6 501 4 US-09-058-260-5 501 4 US-09-058-260-5 501 4 US-09-058-260-5 501 4 US-09-058-260-5 501 4 US-09-058-260-5 501 4 US-09-058-260-5 501 4 US-09-058-320-6 501 4 US-09-058-320-6 501 4 US-09-206-800-1 502 4 US-09-206-800-1 503 4 US-09-206-800-1 503 4 US-09-206-800-1 504 4 US-09-206-800-1 505 4 US-09-206-800-1 507 4 US-09-206-800-1 508-09-206-800-1 508-09-206-800-1 508-09-206-800-1	ULT 1 09-187-789-59 equence 59, Application BS/N9187789 equence 59, Application BS/N9187789 enter No. 6340/740 ENTER NO. 6340/740 APPLICANT: Fernandez-Alnemri, Teresa APPLICANT: Fernandez-Alnemri, Teresa APPLICANT: Fernandez-Alnemri, Teresa TITLE OF INVENTION: AND METHODS OF USE FILE Extremel: 4801404440 CHEMENT FILING DATE: 1998-11-06 NUMBER OF SEQ ID NOS: 78 NUMBER OF SEQ ID NOS: 78 LEMOTH: 53 LEMOTH: 54 LEMOTH: 54 LEMOTH: 55 LEMOTH: 55 LEMOTH: 56 LEMOTH: 57 LEMOTH: 57 LEMOTH: 57 LEMOTH: 58 LEMOTH:	100.0%; Score 24, DB 4, larity 100.0%, Pred. No. 52; Conservative 0, Mismatches (BENGULT 13 (20-54 Application US/09139600 Sequence 54, Application US/09139600 Factor. No. 642528 Green. No. 642528 Green. No. 642528 Green. No. 642528 APPLICANT: Almouri, Emad S. APPLICANT: Almouri, Emad S. APPLICANT: Fortnance Aincent; Torces APPLICANT: Fortnance Aincent; Torces TILLE OF INVENTION: AND METHOD OF USE TILLE PREFERENCE: 480140.434 Green. PILLE PREFERENCE: 480140.434 Green. NUMBER OF US/09/139,600 CURRENT APPLICATION UNMBER: US/09/139,600 CURRENT APPLICATION UNMBER: US/09/139,600 SEQ ID NOS: 65 CONTRACT FACALLE VET. 2.0 SEQ ID NO SEQ ID NOS: 65 CONTRACT FACALLE VET. 2.0 SEQ ID NO SEQ
28 29 30 31 31 32 34 44 45 46 47 48 48 48 48 48 48 48 48 48 48	RESULT 1 US-09-187-789-59 Sequence 59, Application US/NQ187789 Sequence 80, Application US/NQ187789 GENERAL INFORMATION: APPLICANT: Alnomri, Emad S. APPLICANT: Anomri, Emad S. APPLICANT: Fernandez-Alnemri, Teresa IIIIE OF INVENTION: AND METHODS OF USE IIIIE OF INVENTION: AND METHODS OF USE IIIIE OF INVENTION: AND METHODS OF USE IIIIE OF INVENTION NUMBER OF SEQ ID NOS: 79 SOFTWARE: Patentin Ver. 2.0 SEQ ID NO 59 LENGTH: 53 LENGTH: 53 TYPE: PRI OGGANISM: MUS MUSCUlus US-09-187-789-59	Query Match Best Local Similarity Matches 5; Conserv Oy 1 KEBLM 5 11111 Db 5 KEBLM 9	HESCLT 2 Sequence 54, Application 3 Sequence 54, Application 3 Sequence 54, Application 3 Sequence 54, Application 3 GENERAL INFORMATION 6 APPLICANT ADDMIT, Emadd APPLICANT Ferrander Aim TILLE OF INVENTION CASP TITLE OF INVENTION CASP TITLE OF INVENTION CASP TITLE OF INVENTION CASP SIEREN OF SEQ 1D NOS 55 NUMBER OF SEQ 1D NOS 55

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APPLICATION NUMBER: US/08/368,7040
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                                                                                                                                                                                            CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 5
                                                                                                                                                                                                                                                                          TITLE OF INVENTION: RELATEDNESS OF HUMAN INTERLEUKIN-1
LITLE OF INVENTION: BETA CONVENTASE GENE TO A C. ELEGANS CELL DEATH
LITLE OF INVENTION: GENE, INHIBITORY PORTIONS OF THESE GENES AND...
                            Caps
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                            0: Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: DGS
SOFTWARE: FASTSED for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/OR/394,189R
FILING DATE: 24 FEB-2005
         Pred. No. 52;
100.0%; Prog. ....
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REFERENCE/DOCKET NUMBER: 01997/211001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                    Sequence 13, Application US/08394189B Patent No. 5962301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12-JUL-1994
UMBER: 07/984.182
20-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/897,788 FILLING DATE: 12-JUN-1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                08/282,211
                                                                                                                                                                                                                                                                                                                                                    NUMHER OF SEQUENCES: 27
CORRESPONDENT ADDRESS:
ADDRESSEE: Clark & Elking LLP
STREET: 176 Federal Street
CITY: Hoston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Bieker Brady, Kristina
REGISTRATION NUMBER: 39,109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                             APPLICANT: Horvitz, Robert
APPLICANT: Yuan, Junying
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Diskette
IHM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FELEPHONE: 617 428 0200
FELEFAX: 617-428-7045
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       Hest Local Similarity 100.0
Matches 5; Conservative
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APPLICATION NUMBER: 0
FILING DATE: 12-JUL-1
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MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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nes 5; Conserv
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                                                            1 KEELM 5
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                                                                                 S KEELM 9
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                                                                                                                                                  RESULT 4
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                                                                           APPLICANT: Yuan, Junying
APPLICANT: Miura, Masayuki
THTLE OF INVENTION: Programmed Cell Death Genes and Proteins
NUMBER OF SEQUENCES: 85
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APPLICANT: Yoan, Junying
APPLICANT: Miura, Masayuki
ITTLE OF INVENTION: Programmed Cell Death Genes and Proteins
NUMBER OF SEQUENCES: 95
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patenin Release #1.0, Version #1.25
CURRENI APPLICATION DAIA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DAIA:
                                                                                                                                                                                                            ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NÜMBER: 35,086
REFERENCE/DOCKET NUMBER: 0609 3920001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US/08/258, 287B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/080,850
FILING DATE: 24-JUN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                              PC-DOS/MS-DOS
Sequence 40, Application US/08258287H
Parent No. 6083735
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .; Sequence 40, Application US/08368704C;; Patent No. 6087160
                                                                                                                                                                                                                                                                                                                                                                                           E: Floppy disk
IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Bugaisky, Lawrence B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (202) 371-2600
TELERAX: (202) 31-2540
TELEX: 248636 SSK
INFORMATION FOR SEQ ID NO: 40: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     171 amino acids
                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
TOPOLOGY: both
                                                                                                                                                                                                                                                            Washington
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                                                   GENERAL INFORMATION:
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GENERAL INFORMATION:
                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Massachusetts Institute of Technology
TITLE OF INVENTION: Inhibitors of Ced 3 and Related Proteins
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Match 100 0% Serre 24, DB 5, Lenjth 171, Local Similarity 100.0%; Pred. No. 1.5e-02; estative 0; Mismatches 0 reserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100~04; Soore 24; DB 3; Length 171; Best Local Similarity 100~04; Prod No. 1.5e+02; Matches 5; Conservative 0; Mismatches 0, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Massachusetts Institute of Technology
STREET: 77 Massachusetts Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PC1 /11893/05705
                                                      MBER: US 08/258,287
10-JUN-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 13, Application PC/TUS9305705
GENERAL INFORMATION:
APPLICANT: Massachusetts Institute
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// Patent No. 5962301
                                                                                                                                                                                        NAME: Bugaisky, Lawrence B.
PERISTRATION NINBER: 45,086
REPRENCE/DOCKET NUMBER: 0509.
TELECOMMUNICATION INFORMATION:
TELEPAX: (202) 371-2600
TELEX: 2020 371-2540
TELEX: 24836 SSK
INFORMATION FOR SEQ ID NO: 40:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILLING DATE: 19930711
INFORMATION FOR SEQ TO NO: 13:
                                                                                                                                                   FILLING DATE: 24-JUN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACIERISTICS:
LENGTH: 171 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          171 amino acids
FILING DATE: 4-JAN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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; MOLECULE TYPE: protein
PCT-US93-05705-13
                                   PRIOR APPLICATION DATA: APPLICATION NUMBER: L
                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: [
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                  CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                              amino acid
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02139
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                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             69 KEELM 73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ] KEELM 5
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TITLE OF INVENTION: RELATEDNESS OF HUMAN INTERLEUKIN-1
TITLE OF INVENTION: BETA CONVERTASE GENE TO A C. ELEGANS CELL DEATH
TITLE OF INVENTION: GENE, INHIBITORY FORTIONS OF THESE GENES AND...
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Shaham, Shail
TITLE OF INVENTION: RELATEDNESS OF HUMAN INTERLEUKIN-1
TITLE OF INVENTION: BETA CONVEKTASE GENE TO A C. ELEGANS CELL DEATH
TITLE OF INVENTION: GENE, INHIBITION POPTIONS OF THESE GENES AND...
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                                                                                                                                                                                                                                                                                                                            SUFTWARE: FASLSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/394,1898
FILING DATE: 24-PPB3-2005
CLASSIFICATION: 435
ARGA APPLICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6, Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              01497/211001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 20-NOV-1952
APPLICATION NUMBER: 07/897,788
FILING DATE: 12-JUN-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      07/984,182
                                                                                                                                                                         B: Clark & Elbing LLP
176 Federal Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Clark & Elbing LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Bicker-Brady, Kristina
REGISTRATION NUMBER: 39,109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 617-428-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                176 Federal Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 26:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Horvitz, Robert
APPLICANT: Yuan, Junying
APPLICANT: Horvitz, Robert.
APPLICANT: Yuan, Junying
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 12-JUL-1994
APPLICATION NUMBER: 07/98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE, TOOCKET NUMBER .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 172 amine acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5, Comservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         617-428-7045
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein FRAGMENT TYPE: internal
                                             Shaham, Shai
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            single
                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                              USA
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                                                                                                                                                                                                                                                                                 02110
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TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                  TYPE
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APPLICANT: Chikara OHTO, Chika ASADA, Yuka HIGUCHI, Yoshie TAKEUCHI
TITLE OF INVENTION: Geranylqeranyl-Diphosphate Synthasse and DNA
TITLE OF INVENTION: Coding Therefor
NUMHER OF SEQUENTES: 4
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Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 5; Conservatice 3, Mismatch.s 9, indels
                                                                                                                                                     SOFTWARE: FastSEO for Windows Version 2.0 CURRENT APPLICATION DAIA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 01997/211001
TELECOMMUNICATION INFORMATION:
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COMPUTER: 1BM PC compatible
OPERATING SYSTFM: PC-FOS/MS:FOS 6/2
                                                                                                                                                                 CLASSIFICATION: 4.15

TO APPLICATION: 7.15

TOR APPLICATION: 7.15
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FILLING DATE: 24 MAR-1995
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 077984,182
FILING DATE: 20-NOV 1992
APPLICATION NUMBER: 077897,788
FILING DATE: 12-JIN-1992
AFTORNISTAGENT INFORMATION:
NAME: BICKGT-HTADY, KFISTINA
REGISTRATION NUMBER: 9,109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/OB410167A
Patent No. 5773273
                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/282,211
FILING DATE: 12-JUL-1994
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                                                                                             E: Diskette
IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          617-428-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           172 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
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New York
                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                    OPERATING SYSTEM:
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                                                                                                                    COMPUTER:
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                                     COUNTRY:
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              STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APFLICANT: Hiroyuki NAKANE, Chikata OHTO, Shinic
APPLICANT: Kazutake HIROOKA, Tokuzo NISHINO
TITLE OF INVENTION, Farnesyl Diphosphate Synthase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.0%; Score 24; DB 1; L Best Local Similarity 100.0%; Pred. No. 2.8e+02; Matches 5; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: 3 Floppy disk
COMPUTER: IMP DC COMPATIBLE
OPPPATING SYSTEM: DC-DOSZMS-DGS 6.2
SOFTWARE: WordPertect 6.1 Windows
CURRENT AFPLICATION DATA:
APPLICATION NUMBER: IS/OR/AFG8,560
FILING DATE: CONCURTENT HEREWITH
                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Sulfolobus acidocaldarius
STRAIN: ATCC 33909
                                                           APPLICATION NUMBER: JP 6-315572 FILING DATE: 25-NOV-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: JF 8-213211
FILING DATE: 24-JUL-96
ATTORNEY/AGENT INFORMATION:
                   APPLICATION NUMBER: JP 6-53804
FILING DATE: 24-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/ORR998560
Patent No. 5935832
                                                                                                                                                   18,918
                                                                                                                                                                   REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18,918
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One Broadway
                                                                                                                                                                                                          TELEPHONE: (212)425 7200
TELEFAX: (212)425 5288
INFORMATION FOR SEO ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEG ID NO: 1:
SEQUENCE CHARACHERISTICS;
LENGTH: 330 amitto acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (212)425-7200
(212)425 5288
                                                                                                                         NAME: Edward W. Greason
REGISTRATION NUMBER: 18,
                                                                                                                                                                                                                                                                                                330 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Edward W. Gredson
REGISTRATION NUMBER: 18
REFERENCE/DOCKET NUMBER:
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PRIOR APPLICATION DATA:
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NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: prot
                                                                                                                                                                                                                                                                                                                    amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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Db . 418 KEELM 422
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                                                                                                                                                                                        Query Match 100.04; Score 24; DB 2; Locath 339; Best Local Similarity 100.08; Pred. No. 2.8e-02; Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ouery Match 100 0%; Score 24; DB 4; Length 330; Best Local Similarity 100.0%; Pred. No. 2.8e:02, Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: OHNUMA, SHINICHI
APPLICANT: HIROKA, KAZUTAKE
IIILE OF INVENTYON: MUTATED PRENYL DIPHOSPHATE SYNTHASES
FILE REFERENCE: 77670/566
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Finnegan, Henderson, Farabow, Garrelt & ADDRESSEE: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: 82-86 is an Asp-rich domain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 1999-04-27
EARLIFP APPLIANTON NUMBER: FOT 1797/04/921
EARLIFF FILING DATE: 1997-10-29
EARLIFF FILING DATE: 1996-11-05
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PAECHLIN VOE: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/101,126
                ORIGINAL SOURCE: ORGANISM: Sultolobus acidocaldarius
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Sulfolobus acidocaldarius
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 13, Application US/08111939; Patent No. 5460951
                                                                                                                                                                                                                                                                                                                                                                                                                                 . Sequence 1, Application users office: Patent No. 6316216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Kawai, Shinji
APPLICANT: Takeshita, Sunao
APPLICANT: Okazaki, Makoto
                                                                                                       NAMEZKIY. Aspirich domain
LOCATION: 82-86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: NAKANE, HIROYUKI
APPLICANT: NISHINO, TOKUZO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Amann, Egon
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: OHTO, CHIKARA
                                                              STRAIN: ATCC 33909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Washington
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271 KEELM 275
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LENGTH: 330
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                                                                                                                                                   US-08-898-560-1
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                                                                                   FEATURE:
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APPLICANT: Chen, Hong
AFFLICANT: Meyer, Jouanne
AFFLICANT: Meyer, Jouanne
TITLE OF INVENTION: Method of Detecting Fisk of Type II Diabetes Based on
TITLE OF INVENTION: Mutations Found in Carboxypeptidase E
FILE REPERENCE: 5800-14, 035800/174130
CUBRENT APPLICATION NUMBER '18/09/293, 989
CUBRENT FILING DAIE: 1999-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      C; Gaps
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Best Loral Similarity 100.0%; Pred. No. 3.7e-02;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Minch
Best Local Similarity 100.0%; Prod. No. 3.7e+02;
Matches 5; Cosservative 0; Mismatches 0; Indels
                                                                                                                GERALING SYSTEM: PC DOS/MS-DOS
SOFTWARE: FatentIn Release #1.0, Version #1.25
CURRENI APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Forman, David S.
RAGISTRATION NUMBER: 33,694
REFERENCE: NUMBER: 0.4481.13.11-00000
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                     APPLICATION NUMBER: US/08/111,939
THING DATE: 26-ANG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UF 34033/92
FILING DATE: 03-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION ENGBER: UE 23023/32
FILING DATE: 28-ANG-1992
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: 60/105,102
FARLIER FILING DATE: 1998-10-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: carboxypeptidase E US-09-233-989-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 7, Application US/09233989
; Patent No. 6248527
                                                                                         COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPAX: 202-408-4000
INFORMATION FOR SEC ID NO: 13:
                 ZIP: 20005-8315
COMPUTER READABLE FORM:
MEDIUM TYPE. Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACLERISTICS:
LENGTH: 434 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        202-408-4000
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SOFTWARE: Patentin Ver. 2.0
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  USA
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COUNTRY:
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TYPE: amino acid
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                                                                                                     20005-3315
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419 KEELM 423
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                                                                                    COUNTRY:
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                                                             STATE:
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                                                                                                                                                                     TITLE OF INVENTION: Bone Related Carboxypeptidase-Like TITLE or INVENTION. Protein and Process for its Production NUMBER OF SEQUENCES: 27 Correspondence ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kawai, Shinji
APPLICANT: Takeshita, Sundo
APPLICANT: Okaraki, Makoto
APPLICANT: Amain, Makoto
TITLE OF INVENTION: Bone-Related Carboxypeptidase-Like
TITLE OF INVENTION: Profein and Process for its Production
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 24; DB 1; Length 435; 100.0%; Pred. No. 3.7e+02; Pred. O: Mismatches 0; Indels
                                                                                                                                                                                                                                                                       Finnegan, Henderson, Farabow, Garrett &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.6, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 05/06/111,939
FILING DATE: 26-ADD:-1993
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FILING DATE: 03-DBC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 220029/92
FILING DATE: 28-30C-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: 1HM PC compatible
OPERATING SYSTEM: PC-DGS/MS-DOS
                                     Sequence 14, Application US/08111939
Patent No. 5460951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 15, Application US/08111939
Patent No. 5460951
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TELECOMMUNICATION INFORMATION:
                                                                                                 APPLICANT: Kawai, Shinji
APPLICANT: Takoshita, Sunao
APPLICANT: Okazaki, Makoto
APPLICANT: Amann, Eqon
TITLE OF INVENTION: Bone Rel
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Best Local Similarity 100.0
Matches 5; Conservative
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: MOLEGULE TYPE: poptide
US 08-111-939-14
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                               Dunner
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                                                                                 GENERAL INFORMALION:
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                 US 08-111-939-14
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RESULT 14
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ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          02481.1321-00000
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FILING DATE: 26-AUG. ...

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 324033/92

TO MC DATE: 03-DEC-1992
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....ок: US/08/111,939
. 26-MG-1993
.ON: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: JF 230029/92
FILING DATE: 28-AUG-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  33,694
                                       : 1300 I Street, N.W.
Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     435 amino acids
                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Forman, David S. REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      202-408-4000
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                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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